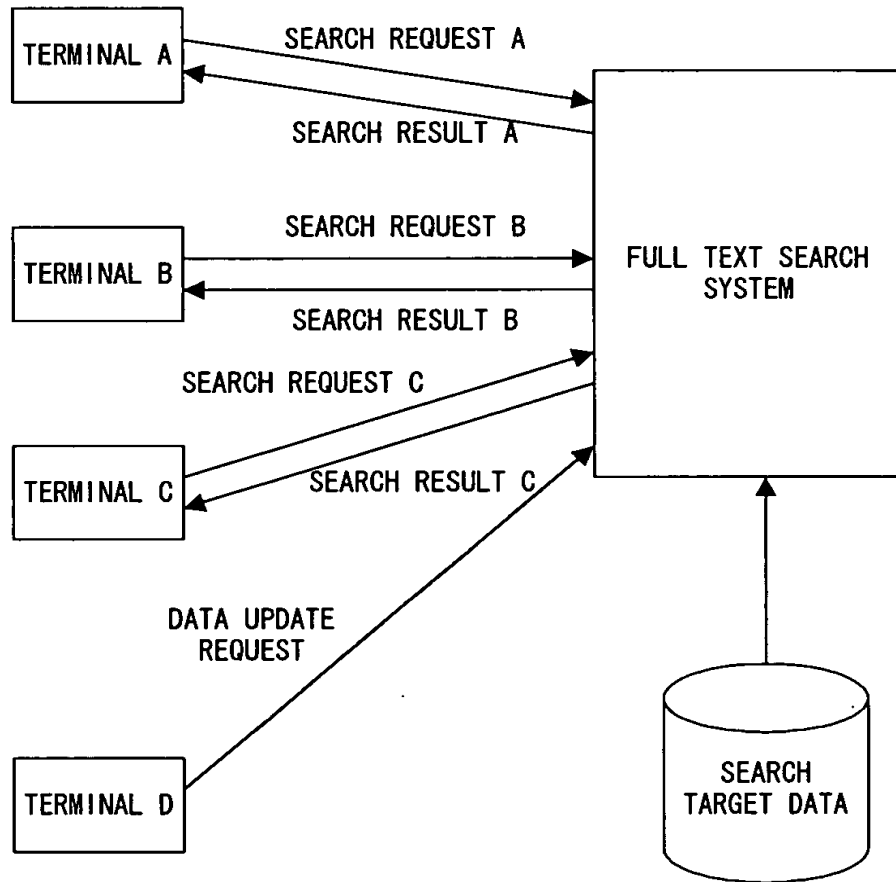


FIG. 1

100345000700



F I G . 2

20220720 694E800F

[K] <N0>1 [K] <NAME> O O O O [K] <ALMA MATER> AA UNIVERSITY [K] <BIRTHPLACE> O O [K] <SEX> MALE [K] [R]  
[K] <N0>2 [K] <NAME> X X X X [K] <ALMA MATER> BB UNIVERSITY [K] <BIRTHPLACE> X X [K] <SEX> FEMALE [K] [R]  
[K] <N0>3 [K] <NAME> Δ Δ Δ Δ [K] <ALMA MATER> CC UNIVERSITY [K] <BIRTHPLACE> Δ Δ [K] <SEX> MALE [K] [R]

FIG. 3

[illegible]

	ITEM TAG	SEARCH WORD
A	<NAME>	〇〇〇〇
B	<ALMA MATER>	AA UNIVERSITY
SEARCH CONDITION FORMULA	A and B	

FIG. 4

PERSONNEL INFORMATION SEARCH CONDITIONS

○○○○

AA UNIVERSITY



\_\_\_\_\_



▼

FIG. 5

2025-04-20 14:20:00

PERSONNEL INFORMATION SEARCH RESULTS		1/1
NO	<input type="text" value="1"/>	
NAME	<input type="text" value="OOOO"/>	
ALMA MATER	<input type="text" value="AA UNIVERSITY"/>	
BIRTHPLACE	<input type="text" value="OO"/>	
SEX	<input type="text" value="MALE"/>	

FIG. 6

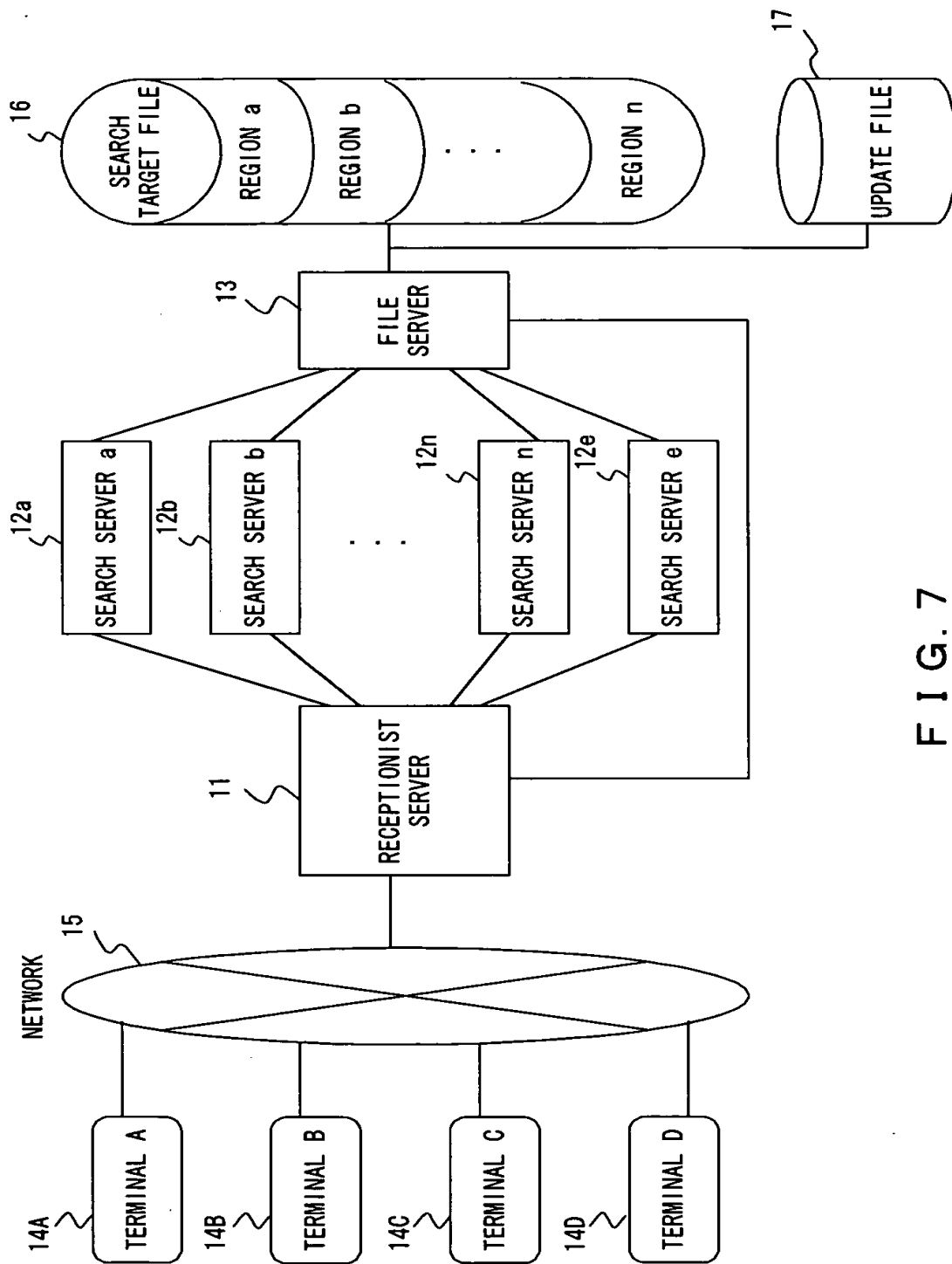


FIG. 7

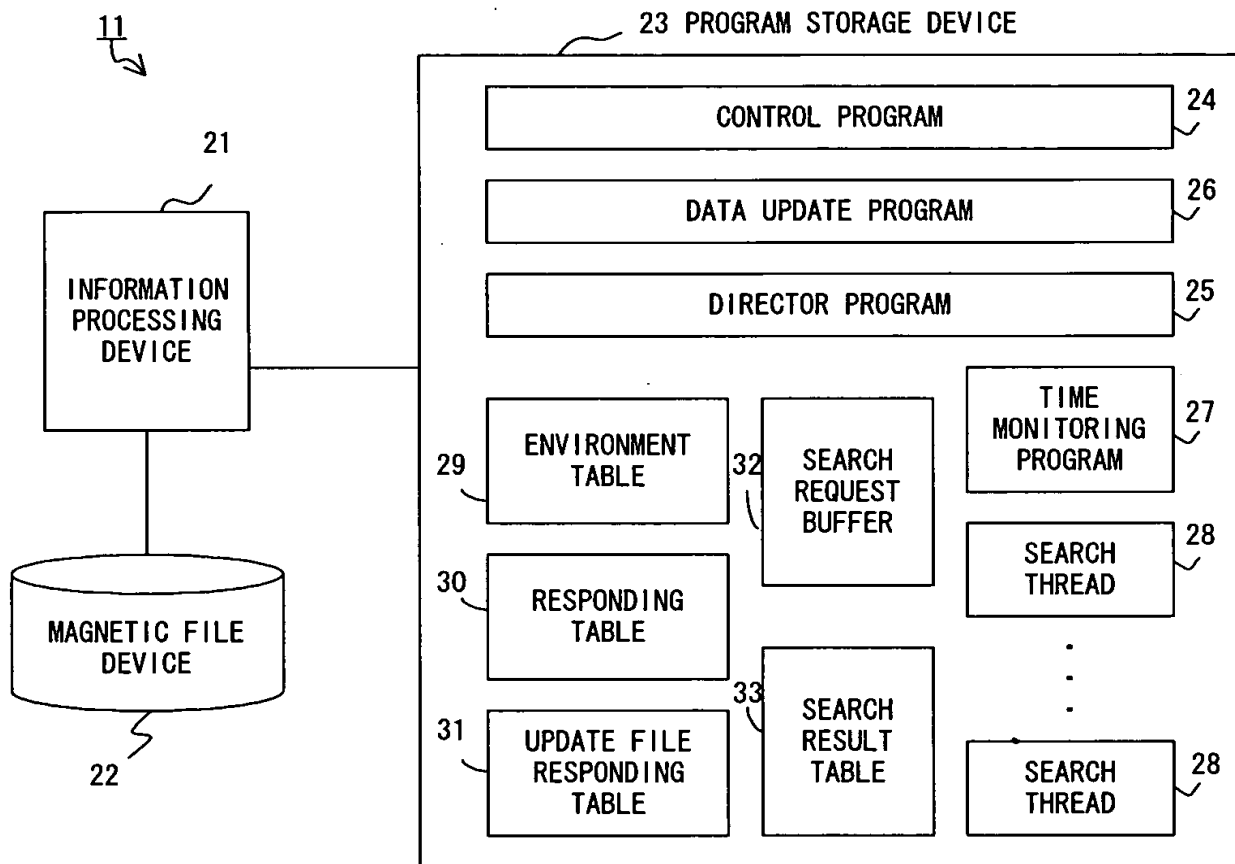


FIG. 8



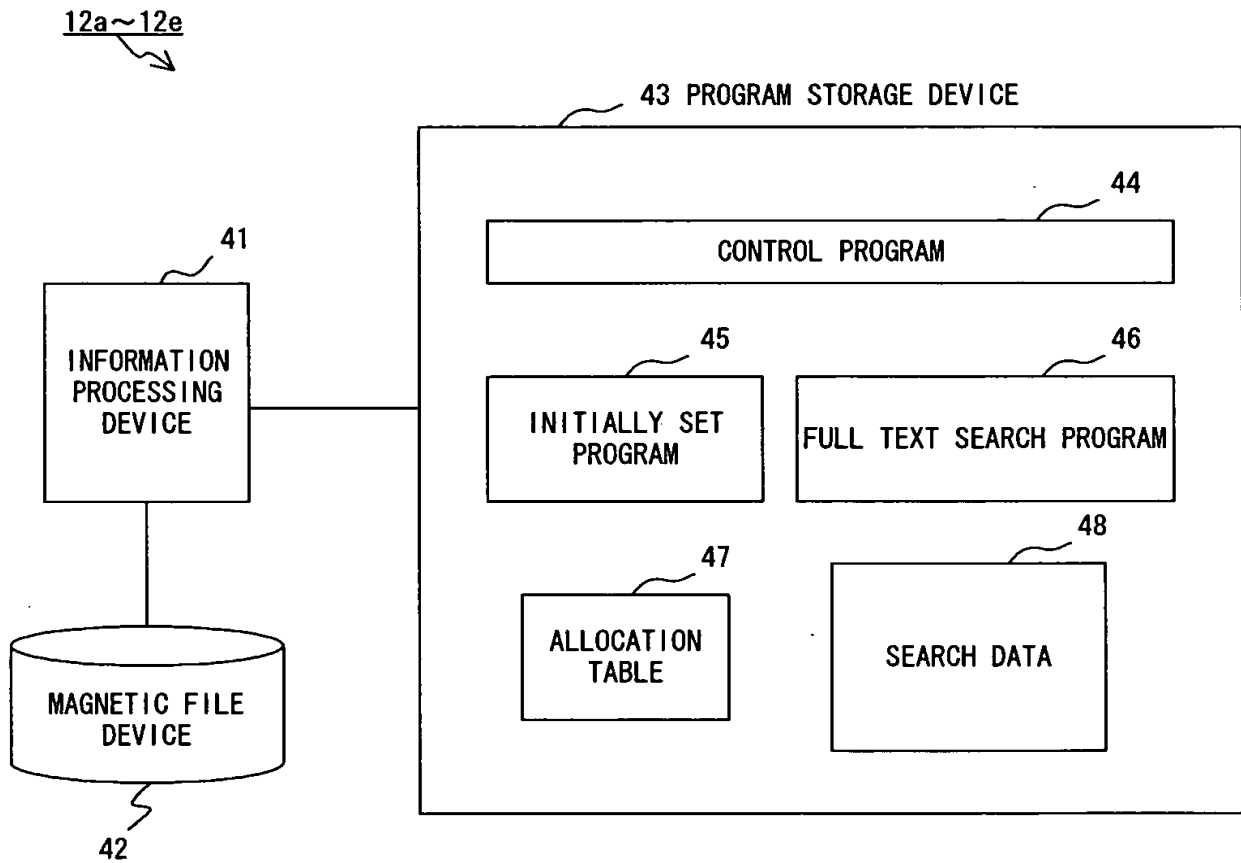
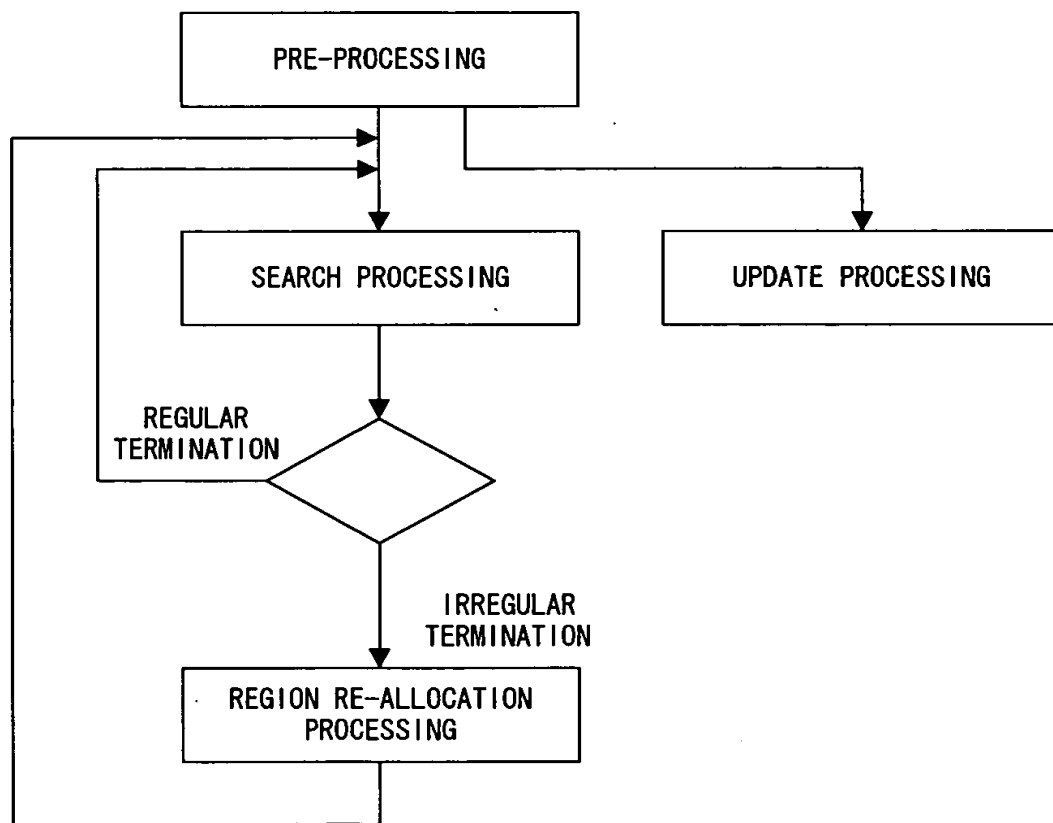


FIG. 9



F I G. 1 0



20240909:03:03:03

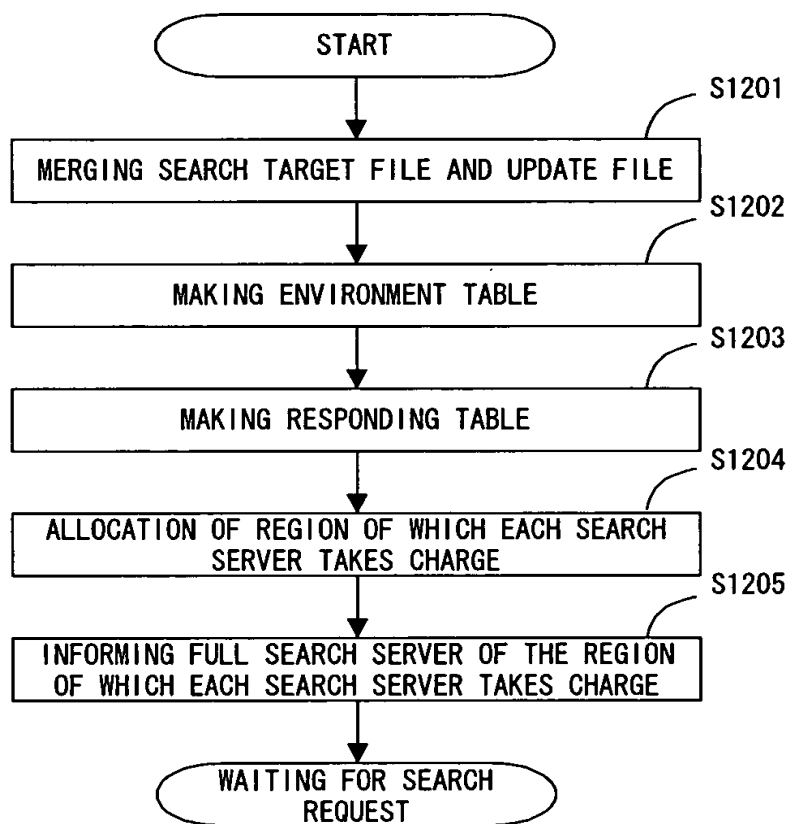


FIG. 12

29  
29a  
29b  
29c  
29d

SEARCH SERVER NAME	ADDRESS	STATE FLAG	FLAG IN CHARGE OF UPDATE FILE
SEARCH SERVER a	15. 85. 145. 01	0	0
SEARCH SERVER b	15. 85. 145. 02	0	0
SEARCH SERVER c	15. 85. 145. 03	1	0
SEARCH SERVER d	15. 85. 145. 04	0	0
SEARCH SERVER e	14. 85. 145. 05	0	1

F I G. 1 3

20250909 09:00

30	30a	30b	30c
RECORD NO.	TOP ADDRESS OF RECORD	LENGTH OF RECORD	
1	0	250	
2	250	580	
3	830	322	
4	1152	108	
.			
.			
.			
2351	452442	242	

F I G. 1 4



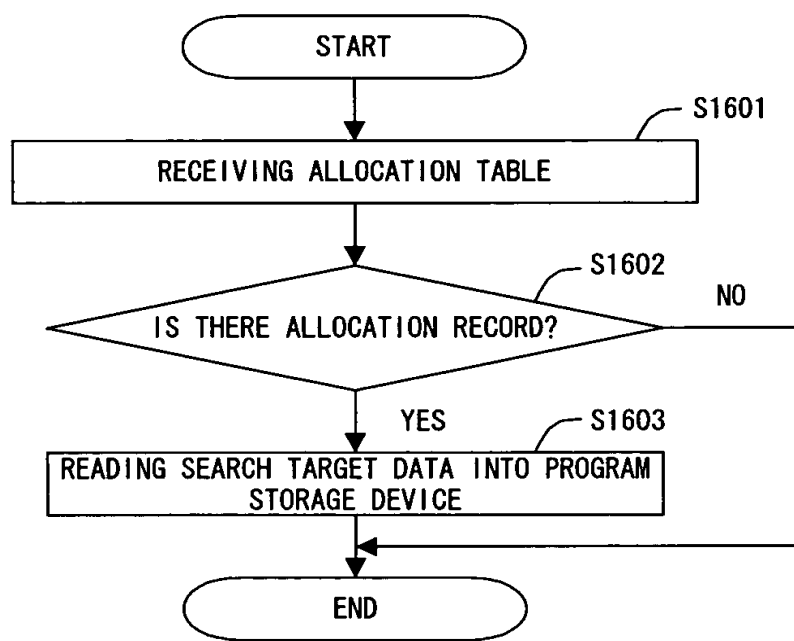


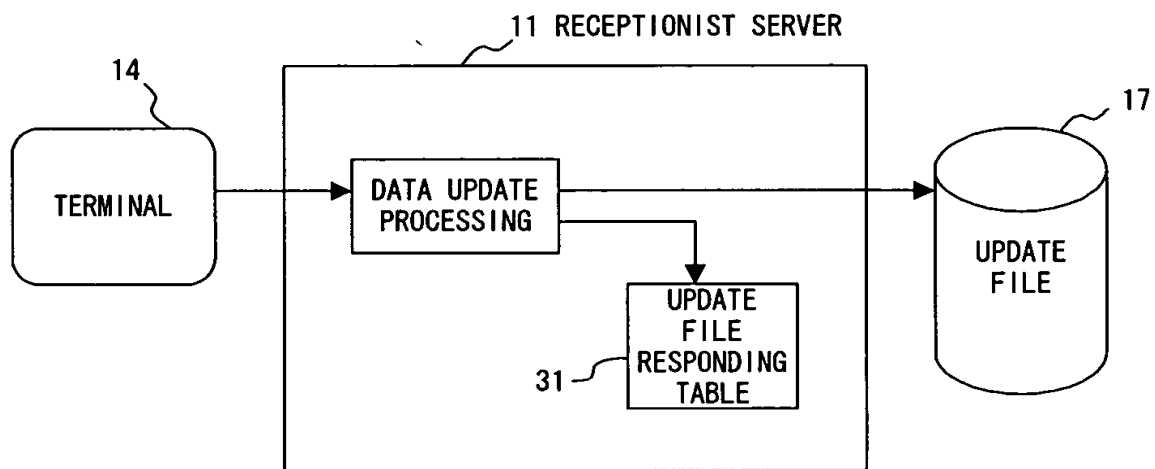
FIG. 16



48 ↗

[K]<N0>1	[K]<NAME>	O	O	O	[K]<ALMA	MATER>AA	UNIVERSITY	[K]<BIRTHPLACE>	O	O	[K]<SEX>	MALE	[K]	[R]
[K]<N0>2	[K]<NAME>	X	X	X	[K]<ALMA	MATER>BB	UNIVERSITY	[K]<BIRTHPLACE>	X	X	[K]<SEX>	FEMALE	[K]	[R]
[K]<N0>3	[K]<NAME>	Δ	Δ	Δ	[K]<ALMA	MATER>CC	UNIVERSITY	[K]<BIRTHPLACE>	Δ	Δ	[K]<SEX>	MALE	[K]	[R]
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

FIG. 17



F I G . 1 8

2025-09-09 10:00:00

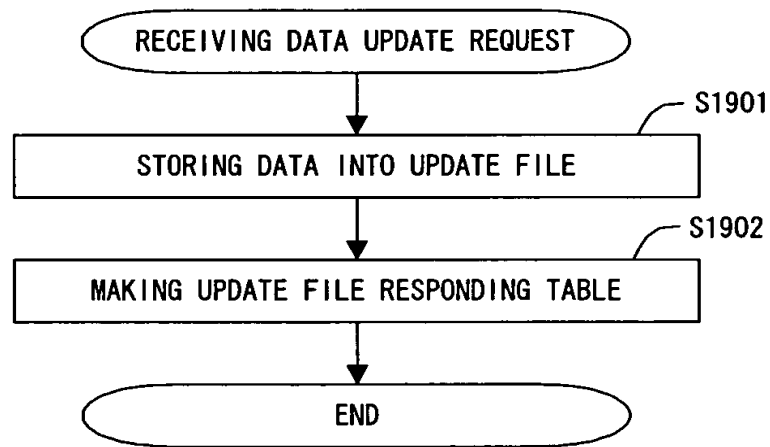


FIG. 19

2020-09-01

31

RECORD NO.	TOP ADDRESS OF RECORD	LENGTH OF RECORD
2352	0	224
2353	224	108
282	332	306
2354	638	278

F I G. 2 0

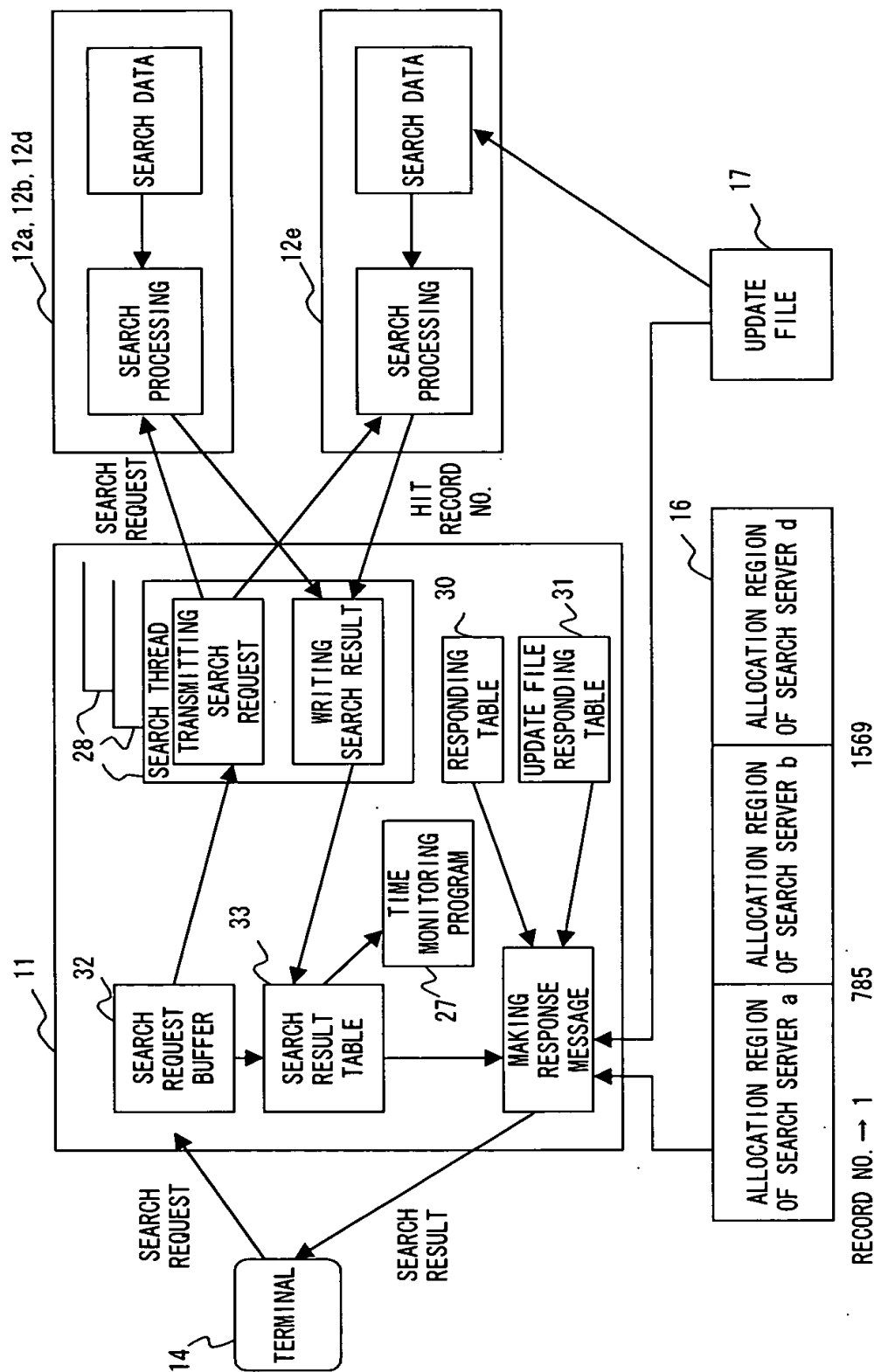


FIG. 21

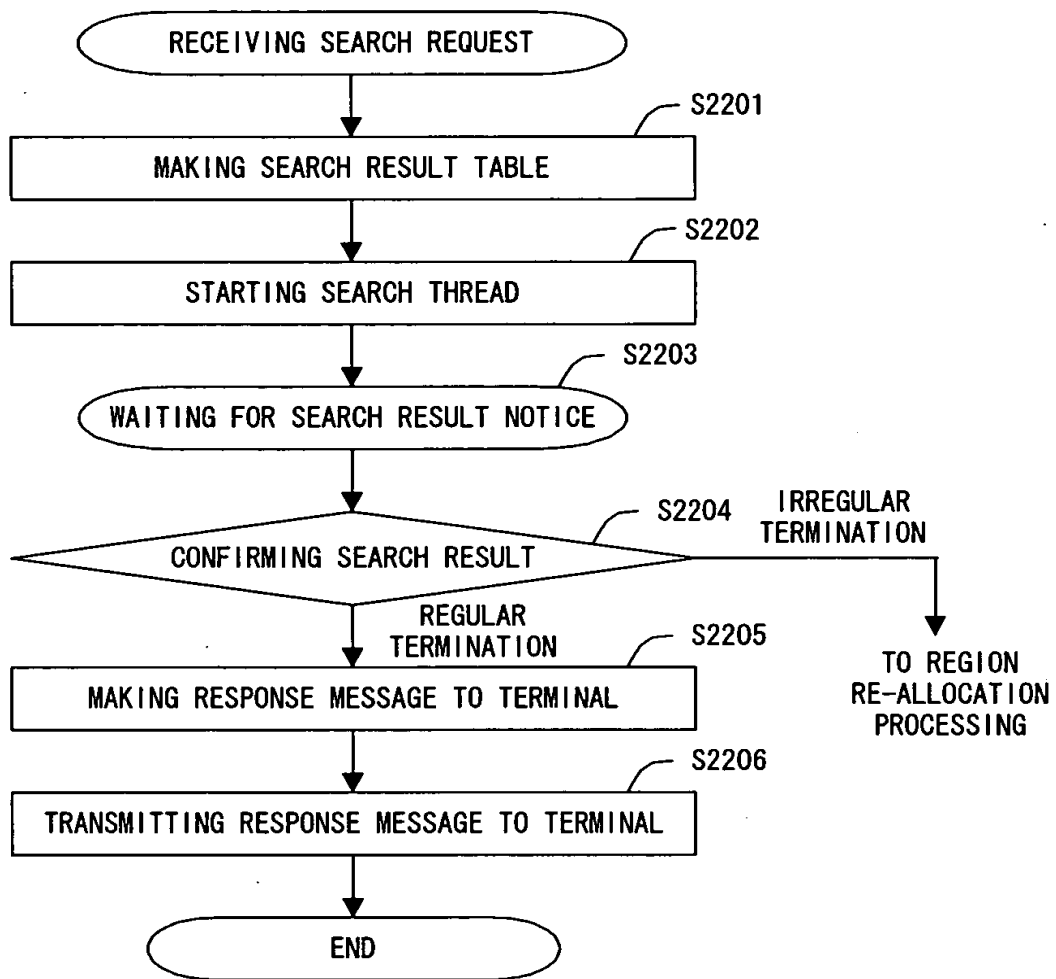


FIG. 22

20220943004

32  
↙

SEARCH REQUEST OF TERMINAL A
SEARCH REQUEST OF TERMINAL B
SEARCH REQUEST OF TERMINAL C

F I G. 2 3

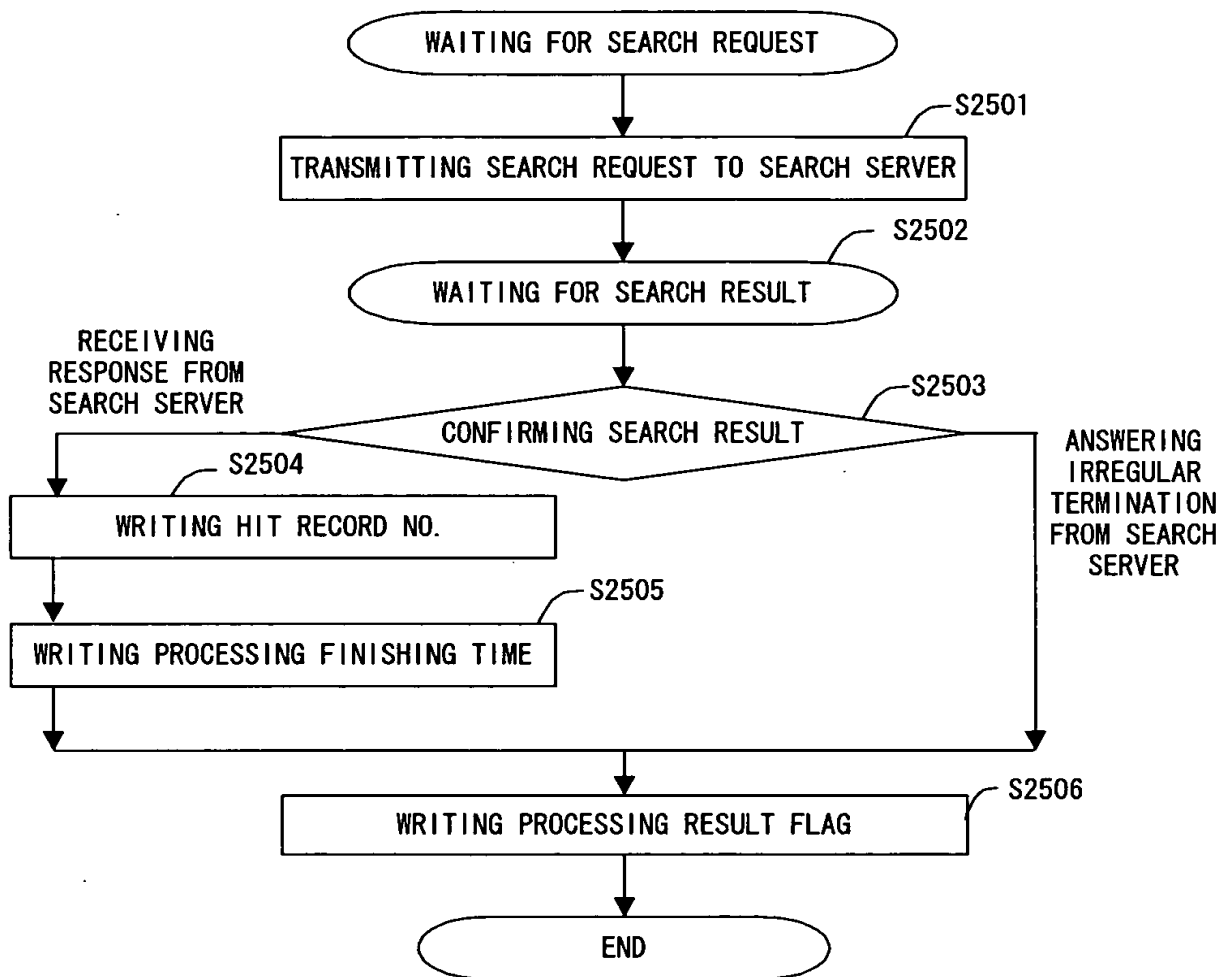
FIG. 24

33 ↘

	33a ↘	33b ↘	33c ↘	33d ↘
SEARCH SERVER NAME	FLAG IN CHARGE OF UPDATE FILE	PROCESSING RESULT FLAG	PROCESSING FINISHING TIME	HIT RECORD NO.
SEARCH SERVER a	0			
SEARCH SERVER b	0			
SEARCH SERVER d	0			
SEARCH SERVER e	1			

FIG. 24





2025-04-23 10:30:01

HIT RECORD NO.
2, 245, 501

F I G. 2 6

SEARCH SERVER NAME	FLAG IN CHARGE OF UPDATE FILE	PROCESSING RESULT FLAG	PROCESSING FINISHING TIME	HIT RECORD NO.
SEARCH SERVER a	0	1	102601541	2, 245, 501
SEARCH SERVER b	0	1	102601545	
SEARCH SERVER d	0	2		
SEARCH SERVER e	1	1	102601538	2353

FIG. 27

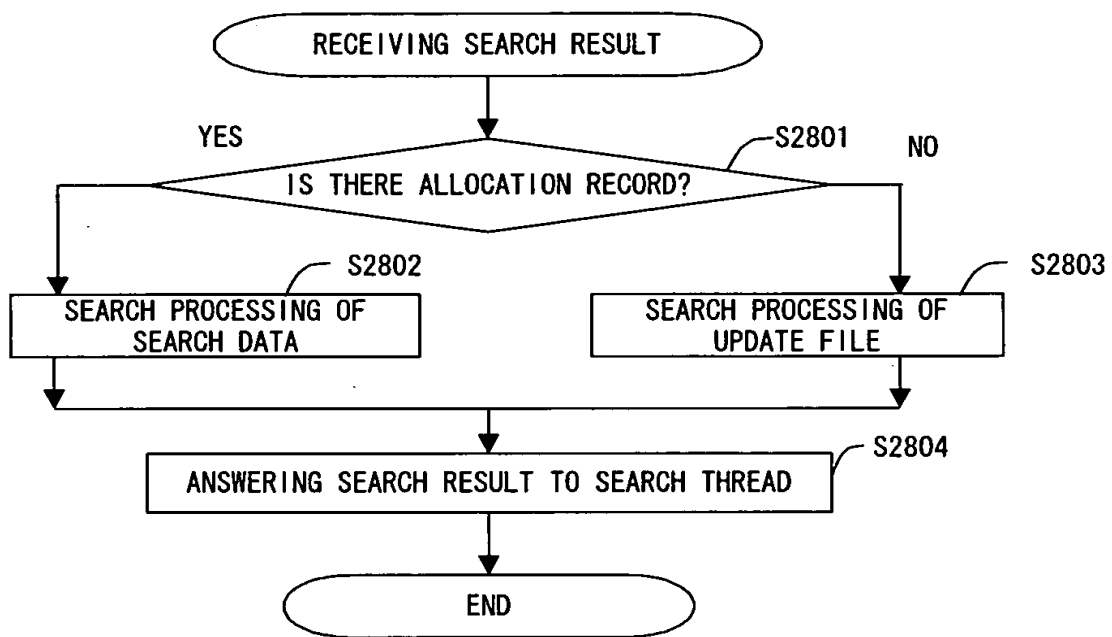


FIG. 28

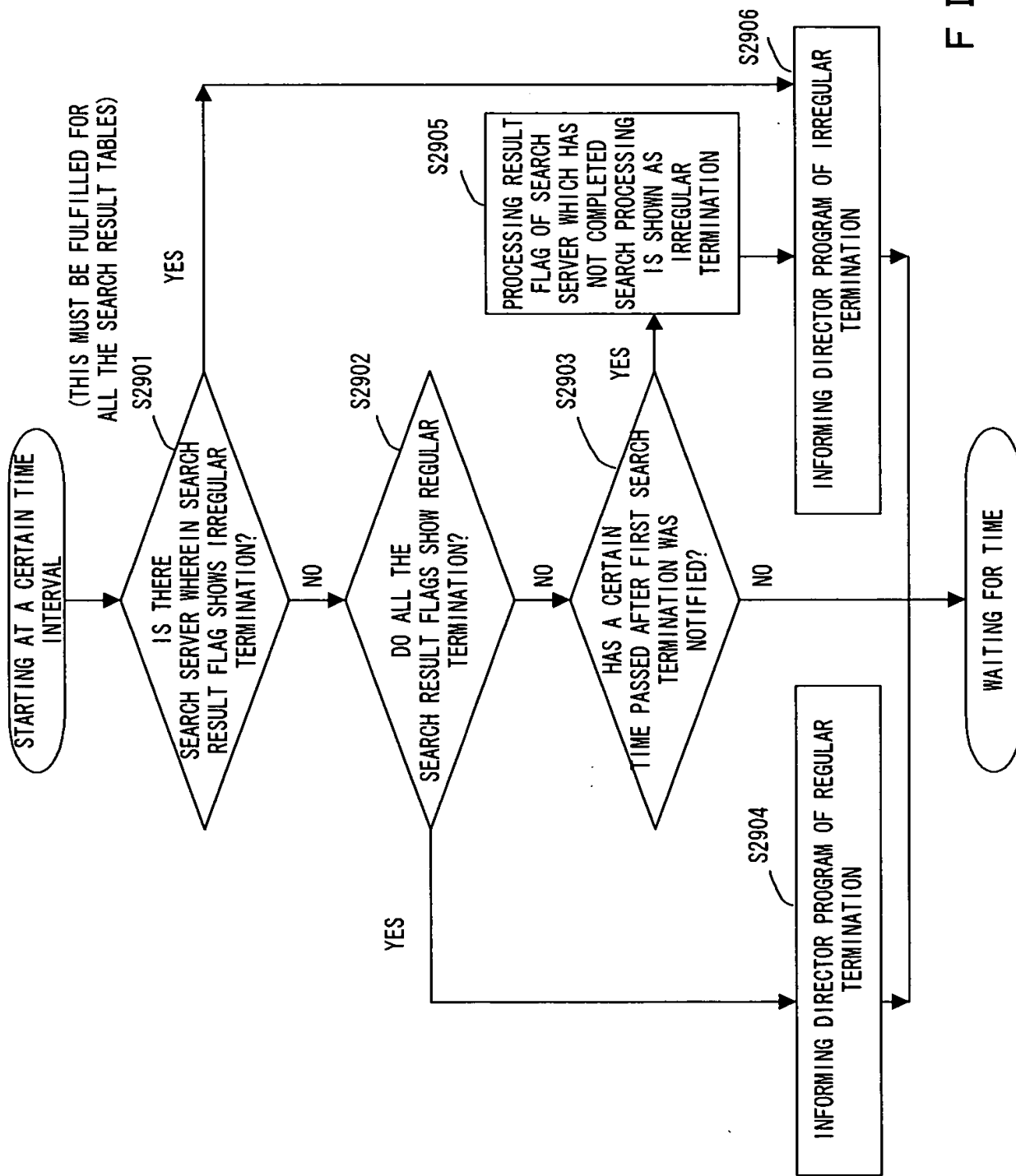


FIG. 29

STARTING REGION RE-ALLOCATION  
PROCESSING



29

29a

29d

29b

29c

SEARCH SERVER NAME	FLAG IN CHARGE OF UPDATE FILE	ADDRESS	STATE FLAG
SEARCH SERVER a	0	15. 85. 145. 01	0
SEARCH SERVER b	0	15. 85. 145. 02	0
SEARCH SERVER c	0	15. 85. 145. 03	1
SEARCH SERVER d	0	15. 85. 145. 04	1
SEARCH SERVER e	1	15. 85. 145. 05	0

F I G. 3 1

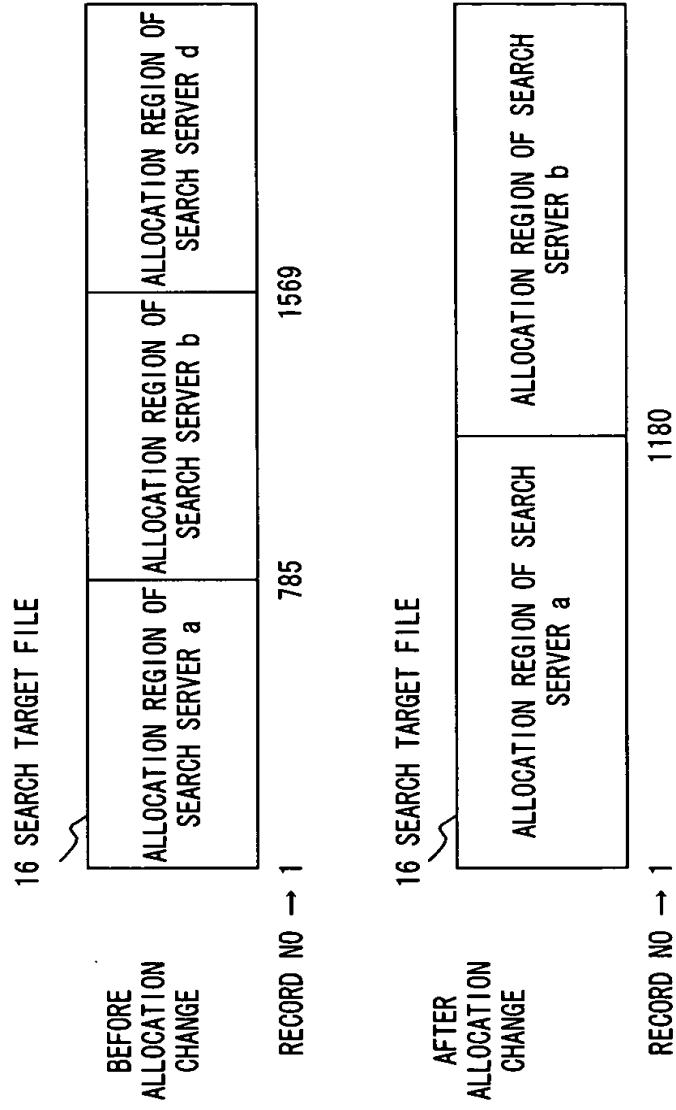


FIG. 32



RECORD NO.	TOP ADDRESS OF RECORD	LENGTH OF RECORD
1	0	250
2	250	580
3	830	322
4	1152	108
.		
.		
.		
1179	246146	188

FIG. 33

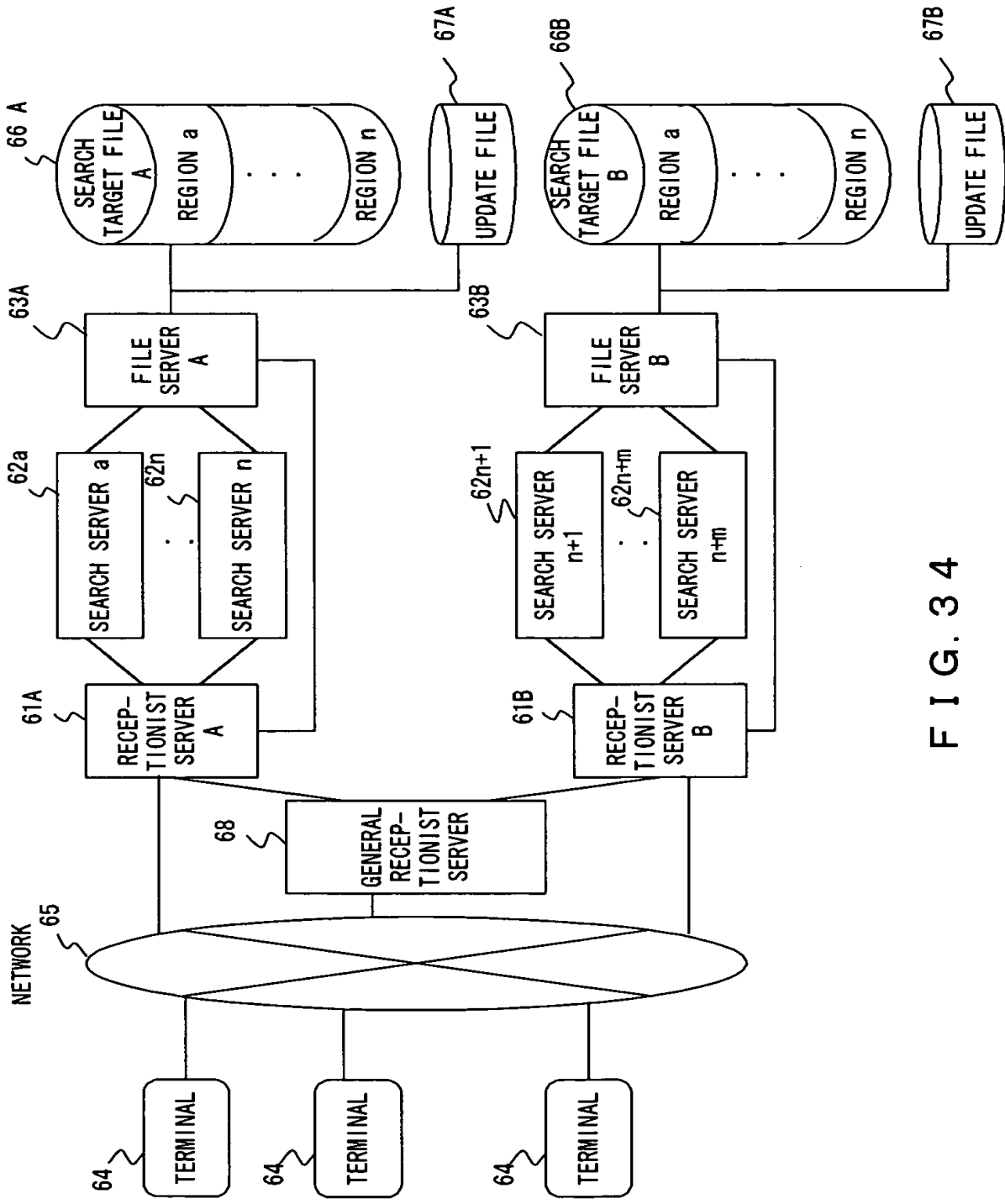
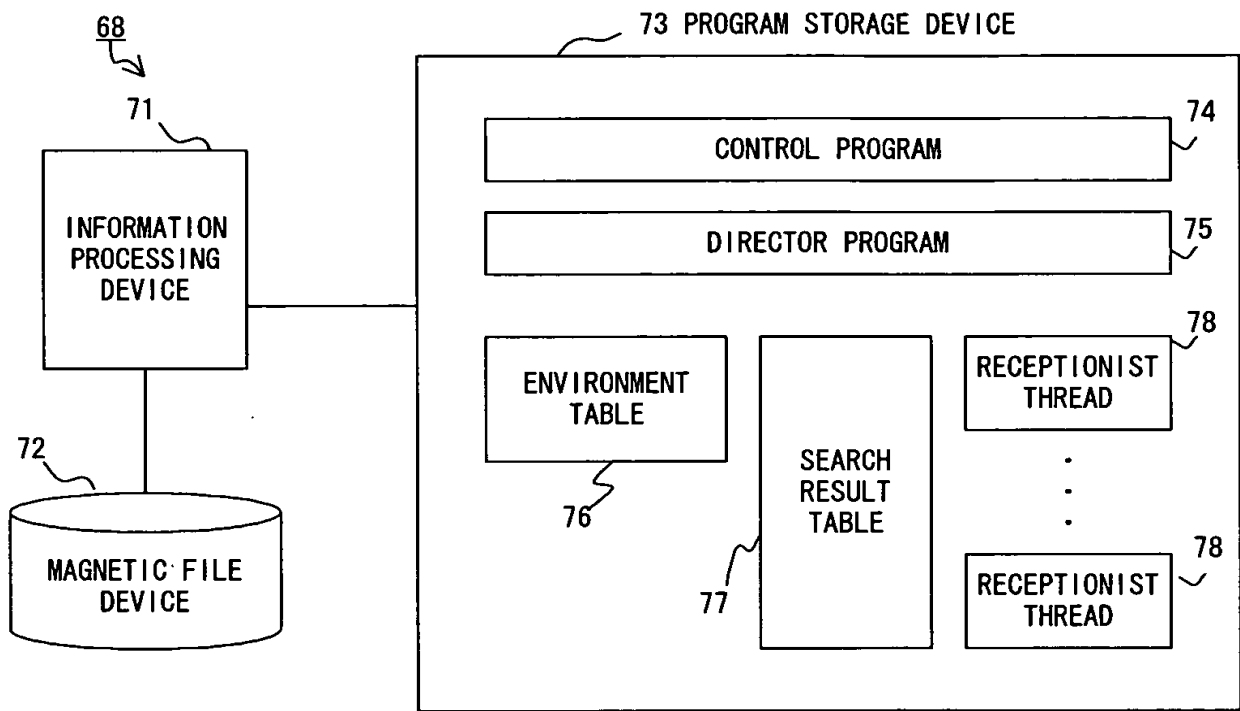


FIG. 34



F I G . 3 5

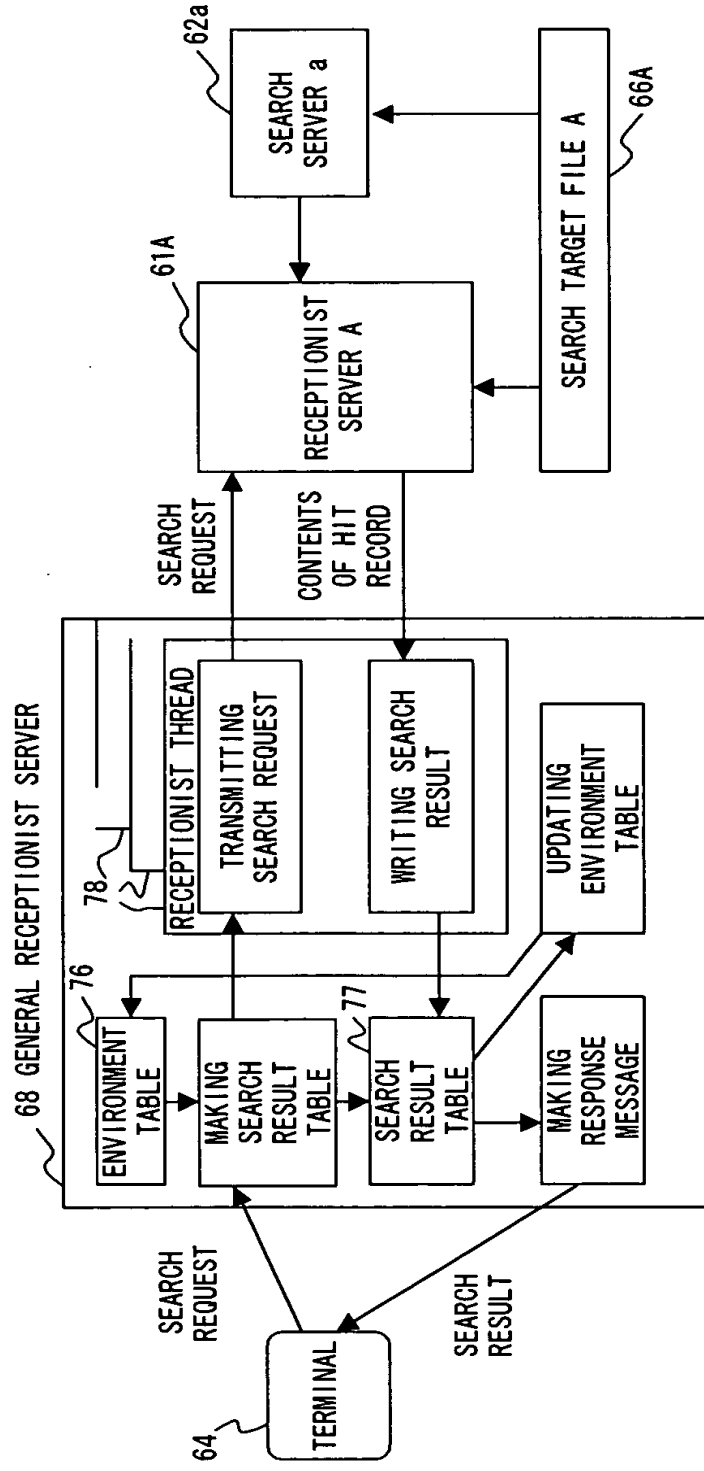


FIG. 36

FIG. 37

76

76a

76b

76c

RECEPTIONIST SERVER NAME	ADDRESS	STATE FLAG
RECEPTIONIST SERVER a	16. 85. 102. 01	0
RECEPTIONIST SERVER b	22. 36. 155. 02	0
RECEPTIONIST SERVER c	18. 24. 233. 01	0
RECEPTIONIST SERVER d	34. 26. 111. 01	1
RECEPTIONIST SERVER e	45. 88. 188. 02	0

F I G . 3 7

2022-03-02 10:34:03

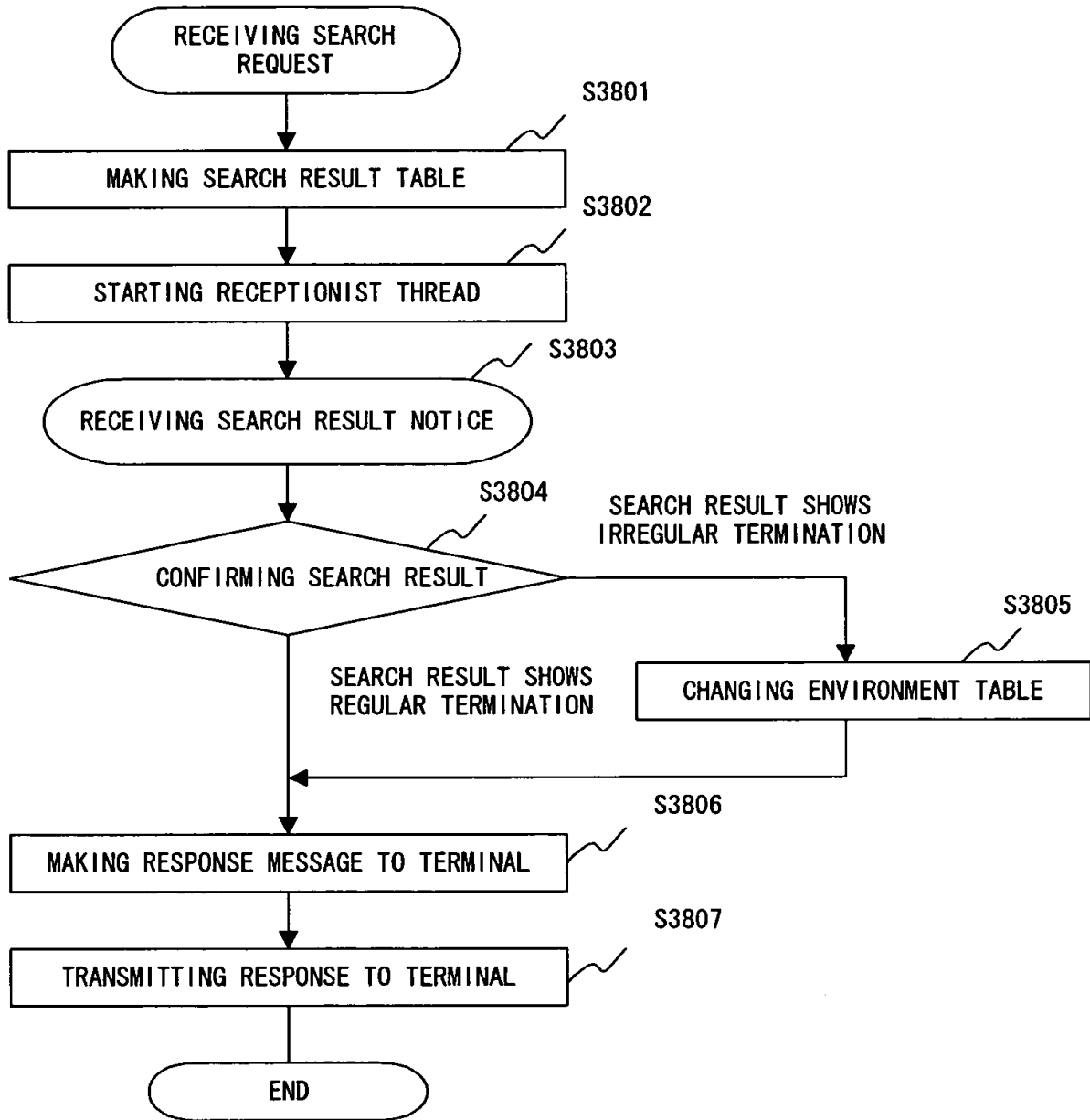


FIG. 38

FIG. 39

77 ↘

77a ⚡

77b ⚡

77c ⚡

RECEPTIONIST SERVER NAME	PROCESSING RESULT FLAG	SEARCH RESULT
RECEPTIONIST SERVER a		
RECEPTIONIST SERVER b		
RECEPTIONIST SERVER c		
RECEPTIONIST SERVER c		

FIG. 39

20230629160346

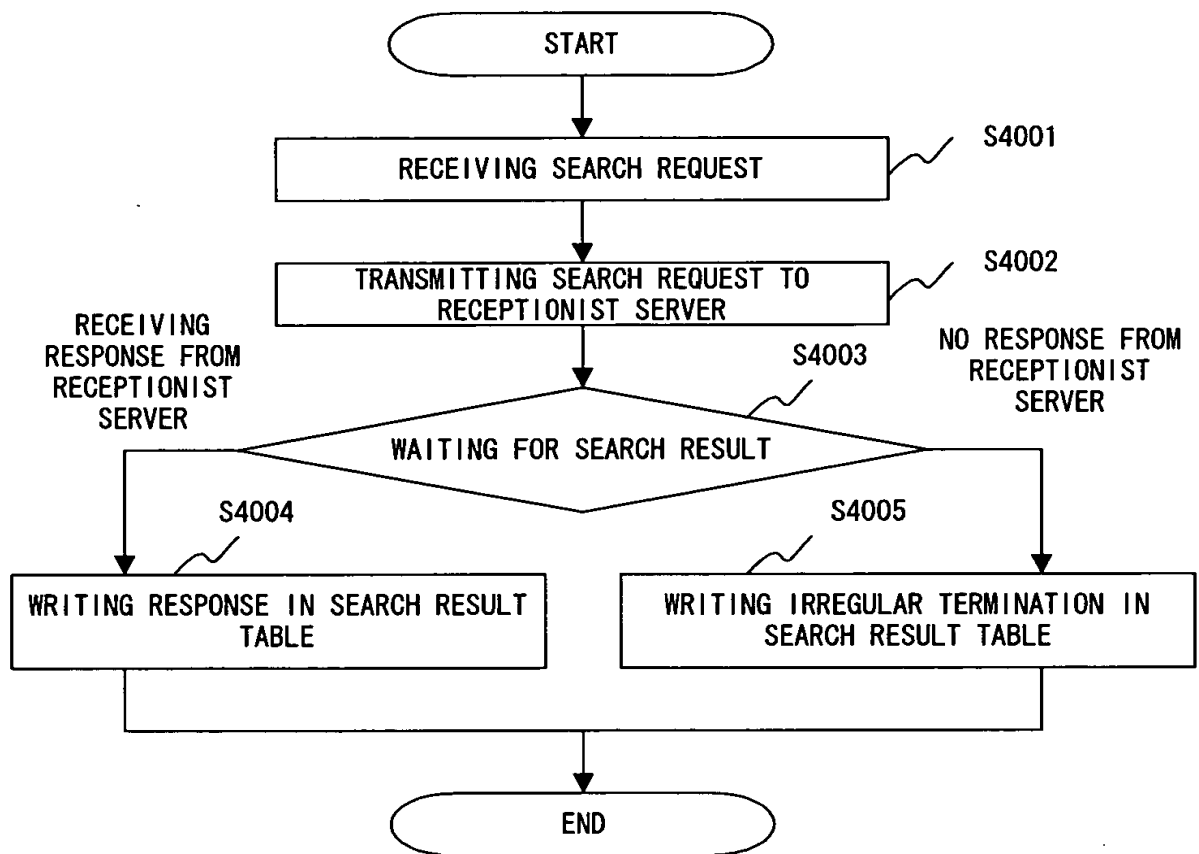


FIG. 40



CONTESTS OF HIT RECORD
[K]<NAME>○○....., [K]<NAME>○○...

FIG. 41

77

77a      77b      77c

RECEPTIONIST SERVER NAME	PROCESSING RESULT FLAG	SEARCH RESULT
RECEPTIONIST SERVER a	1	[K]<NAME>○○○○
RECEPTIONIST SERVER b	1	
RECEPTIONIST SERVER c	2	
RECEPTIONIST SERVER e	1	[K]<NAME>○○○○

F I G. 4 2

RECEP

76  
↙

76a  
↘

76b  
↘

76c  
↘

RECEPTIONIST SERVER NAME	ADDRESS	STATE FLAG
RECEPTIONIST SERVER a	16. 85. 102. 01	0
RECEPTIONIST SERVER b	22. 36. 155. 02	0
RECEPTIONIST SERVER c	18. 24. 233. 01	1
RECEPTIONIST SERVER d	34. 26. 111. 01	1
RECEPTIONIST SERVER e	45. 88. 188. 02	0

F I G. 4 3